Amendments to the Claims

2012390734

- 1. (Currently amended) A compressed knitted wire mesh seal element for an exhaust system, consisting essentially of: a combination of an annealed soft flat wire mesh and a hard wire mesh that does not soften at the elevated temperature of a catalytic converter, the soft wire mesh being present on the outer surface of the element, the element being a tube of hard wire knitted mesh within a tube of soft wire knitted mesh, rolled into a ring, and compressed into a made by compressing the combined meshes mesh having an annular geometry.
- 2. (Cancelled.)
- 3. (Original) The element of claim 1, wherein the soft wire is at least as heat resistant as type 309 stainless steel.
- 4. (Original) The element of claim 1, wherein the soft wire has an oxide coating on its surface.
- 5. (Original) The element of claim 1, wherein the hard wire is precipitationhardened.
- (Original) The element of claim 1, wherein the element has a rectilinear geometry, an elliptical geometry, or a combination thereof.
- 7. (Previously presented) The element of claim 1, wherein the element is in the geometry of an annulus having a flange at an edge thereof.
- 8. (Original) The element of claim 6, wherein the ring is has multiple mesh layers.
- 9. (Currently amended) A catalytic converter assembly, comprising: a substrate for a catalytic converter comprising a ceramic monolith disposed in a housing

10/616,768 Page 2 of 6 101AC-045 and a first compressed wire mesh element disposed on the upstream side of the converter; said wire mesh <u>seal</u> element consisting essentially of a combination of an annealed soft <u>flat</u> wire mesh and a hard wire mesh that does not soften at the elevated temperature of a catalytic converter, the soft wire mesh being present on the outer surface of the element, and the element being <u>a tube of hard wire knitted mesh within a tube of soft wire knitted mesh, rolled into a ring, and compressed into a <u>made by compressing the</u> combined <u>meshes mesh having an annular geometry</u>.</u>

- 10. (Currently amended) The assembly of claim 9, wherein the monolith is elliptical, rectilinear, or a combination thereof in cross-section, and further comprising a second compressed wire mesh <u>seal</u> element <u>disposed on the downstream side of the monolith comprising consisting essentially of aycombination of an annealed soft <u>flat</u> wire mesh and a hard wire mesh that does not soften at the elevated temperature of a catalytic converter, the soft wire mesh being present on the outer surface of the element, and the element being a tube of hard wire knitted mesh within a tube of soft wire knitted mesh, rolled, and compressed into a made-by compressing the combined meshes mesh disposed on the downstream side of the monolith having an annular geometry.</u>
- 11. (Cancelled.)
- 12. (Cancelled.)
- 13. (Original) The assembly of claim 9, wherein the hard wire is precipitation-hardened stainless steel.
- 14. (Original) The assembly of claim 10, wherein the hard wire is precipitation-hardened stainless steel.
- 15. (Original) The assembly of claim 11, wherein the hard wire is precipitation-hardened stainless steel.

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16-23. (Cancelled.)

- 24. (New.) The element of claim 1, wherein the annular mesh seal has a central bore and a flange extending into the central bore.
- 25. (New.) The assembly of claim 9, wherein the annular mesh seal on the upstream side has a central bore and a flange extending into the central bore.
- 26. (New.) The assembly of claim 10, wherein the annular mesh seal on the downstream side has a central bore and a flange extending into the central bore.
- 27. (New.) The element of claim 1,